INTERNATIONAL SEARCH REPORT

Internation No

PCT/IB2004/051549 A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 H01L29/78 H01L29/41 H01L29/08 H01L29/36 H01L21/336 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) HO1L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 02/01644 A (SILICON WIRELESS CORP ET AL) 3 January 2002 (2002-01-03) 1,3,4, 6-11 page 25, line 3 - page 26, line 6; figure US 6 448 611 B1 (OH H-S) 10 September 2002 (2002-09-10) X 1., 3., 11 column 3, line 43 - column 4, line 16; figure 4 column 4, line 35 - line 40 Α. 8 X WO 02/49092 A (KONINKLIJKE PHILIPS 1-3,10, ELECTRONICS NV) 20 June 2002 (2002-06-20) cited in the application page 5, line 3 - page 7, line 21; figures Α 8 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the International search report 1 December 2004 18/03/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Morvan, D

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INTERNATIONAL SEARCH REPORT

Internated Application No PCT/TB2004/051549

	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	· .	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X .	EP 0 069 429 A (NV PHILIPS GLOEILAMPENFABRIEKEN) 12 January 1983 (1983-01-12) page 5, line 25 - page 7, line 20; figures		
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INTERNATIONAL SEARCH REPORT

In ational application No. PCT/IB2004/051549

Roy II Observations where certain claims were for	pund unsearchable (Continuation of Item 2 of first sheet)
BOX II. Appel various where certain craims were in	ound unsearchable (Continuation of Item,2 of first sheet)
This International Search Report has not been established in	respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to	o be searched by this Authority, namely:
2. Claims Nos.:	· · · · ·
	olication that do not comply with the prescribed requirements to such an be carried out, specifically:
3. Claims Nos.:	
because they are dependent claims and are not dra	fted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is la	cking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple invention	ns in this international application, as follows:
see additional sheet	
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As all required additional search fees were timely page.	aid by the applicant, this International Search Report covers all
searchable claims.	• 55.0
2. As all searchable claims could be searched without	effort justifying an additional fee, this Authority did not invite payment
of any additional fee.	enont justifying an additional fee, this Authority did not invite payment
As only some of the required additional search fees covers only those claims for which fees were paid, s	were timely paid by the applicant, this International Search Report pecifically claims Nos.:
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4. X No required additional search fees were timely paid restricted to the invention first mentioned in the claim	by the applicant. Consequently, this International Search Report is as; it is covered by claims Nos.:
1-4,6-10 (when dependent on an	y one of claims 1-4),11
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Remark on Protest	The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.
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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4,6-10 (when dependent on any one of claims 1-4),11

Electronic device comprising a transistor having a stepped shield structure in a drain extension area.

2. claims: 5, 6-10 (when dependent on claim 5)

Electronic device comprising a transistor having a higher doped drain extension portion adjoining a channel.

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INTERNATIONAL SEARCH REPORT

Mormation on patent family members

Internation No PCT/IB2004/051549

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